| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 10/650,629      | SILVESTRO, NINO |  |
| Examiner        | Art Unit        |  |
| Kevin P Kerns   | 1725            |  |

| 7  | Rejected |
|----|----------|
| 11 | Allowed  |

| [- | (Through numeral) Cancelled |
|----|-----------------------------|
| +  | Restricted                  |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |             |          |    |               |     |  |                           |                       |          |   |               |                                      | _                     |          | _        |                  | ′ '           |        |            | _         |        | _        | , ,      | _      | -        | _        | _             | _        | _             | _             |          |             |                  |          |               |
|--|-------------|----------|----|---------------|-----|--|---------------------------|-----------------------|----------|---|---------------|--------------------------------------|-----------------------|----------|----------|------------------|---------------|--------|------------|-----------|--------|----------|----------|--------|----------|----------|---------------|----------|---------------|---------------|----------|-------------|------------------|----------|---------------|
| C  | laim        | _        | L  | ~<br>~        | _   | _  | _                         | Da                    | ate      | <u></u>                                 |               | _                                    | _                     | ]        | CI       | Ctaim Date Ctaim |               |        |            |           |        |          |          |        |          | alm      | Γ             |          |               |               | Dat      | te .        | —                |          |               |
| Final  | 10          | 5        | 7  | 2 H<br>4 O    | 147 |  |                           |                       |          |   |               |                                      |                       |          | Final    | Original         |               |        |            |           |        |          |          |        |          |          | Final         | Original | ·             |               |          |             | Ī                | Ī        | T             |
|  | 0           | $\Sigma$ | Z  | \$            | Ľ   |  | 上                         | I                     | 丁        | J                                       | L             | 士                                    | 士                     | 1        |          | 51               | 1             | H      | 1          | ٣         | ۲      | H        | $\vdash$ | H      | $\dashv$ | F        |               | 101      | $\vdash$      | +             | ╀        | +           | +                | +        | +             |
|  | 2           |          | 1  | $\mathbf{I}'$ | D   | $\Box$                                       | Ι                         | I                     | I        | $\supseteq$                             |               | L                                    | I                     | 1        |          | 52               |               |        |            |           |        |          | $\sqcap$ | 一      | 7        | ۲        | _             | 102      | 1             | +             | +        | +           | +                | 十        | +             |
|  | 3           |          | 1  | Ľ             | Ū   | Ĺ  | T                         | I                     | ]        | '                                       |               | I                                    | I                     | ]        |          | 53               |               |        |            |           |        |          | $\Box$   | 口      | 7        | 1        | $\overline{}$ | 103      | $\vdash$      | +             | +        | +           | +-               | +        | +             |
| <u></u>  | 4           |          | 1  | $\mathbf{I}'$ | Ũ   | ũ  | T                         | Ι                     | I        |   |               |                                      |                       | 1        |          | 54               |               |        |            | $\Box$    |        | $\Box$   | $\sqcap$ | 一      | $\neg$   | 卜        | -             | 104      | _             | +             | 十        | +           | +                | 十        | 十             |
| <u></u>  | 5           |          | 1  | ľ             | D   | $\Box$                                       | L                         | I                     | I        | $\supset$                               |               |                                      |                       | 1        |          | 55               |               |        |            |           |        | $\sqcap$ | $\Box$   | 口      | 7        | 十        | -             | 105      | $\vdash$      | +             | +        | +           | +                | +        | +             |
| <u></u>  | 6           | 1        | 1  | Ľ             | D   | Ē  | T                         | I                     | 1        |   |               | L                                    |                       | 1        |          | 56               |               |        |            |           | $\Box$ | $\Box$   | $\Box$   | 一      | 7        | ۲        | $\neg$        | 106      | $\vdash$      | +             | +        | +           | +                | +        | 十             |
| <u></u>  | 7           | 1        | 1  | Ţ,            | Ù   | Ē  | T                         | I                     | 1        | Ù                                       |               | L                                    | L                     | 1        |          | 57               |               |        |            |           |        |          |          | 一      | $\neg$   | ļ        | $\neg$        | 107      | _             | +             | +        | +           | +                | +        | +             |
| <u></u>  | 8           |          | 1  | Ľ             | Ū   | Ľ,   | L                         | Ţ                     | 1        | Ù                                       |               |                                      | L                     | ] '      |          | 58               |               |        |            |           |        |          | $\Box$   |        | 7        | ۲        | $\neg$        | 108      | _             | +             | +        | +           | +                | +        | +             |
| $\perp$  | 9           |          | 1  | Τ,            | Ū   | Ĺ  | L                         | Ţ                     | 1        | Ù                                       |               | L                                    | L                     | ] '      |          | 59               |               |        |            |           |        |          |          | $\Box$ | ٦        | 1        | 7             | 109      | _             | $\vdash$      | +        | +           | 十                | +        | +             |
| <u> </u>   | 100         |          | 1  | Ţ,            | Ú   | <u>.                                    </u> | $\perp$                   | Ţ                     | 1        | الـــــــــــــــــــــــــــــــــــــ |               | L                                    | L                     | ] '      |          | 60               |               |        |            |           |        |          |          | 口      | 7        | 一        | 7             | 110      | _             | +             | +        | +           | +                | +        | +             |
| <u> </u>   | 11          |          | +  | †             | μ   | <b>←</b> ′                                   | 1                         | 1                     | 4        | لــُــ                                  | _             | L                                    | L                     | ] ′      |          | 61               |               |        |            |           |        | $\Box$   | 丁        |        |          |          |               | 111      | _             | 1             | +        | +           | 1                | +-       | +             |
| <u></u>  | 12          |          | +  | ₩             | U   | <b>—</b> ′                                   | 1                         | 1                     | 4        | ب                                       | Ϊ.            | $\perp$                              | L                     | ] '      |          | 62               |               |        |            |           |        |          | J        | 丁      | ٦        |          |               | 112      | $\overline{}$ | 1             | +        | <b>†</b>    | +                | +        | +             |
| <u></u>  | 13          |          | +  | ħ             | 4   | <u> </u>                                     | 1                         | 1                     | 4        | إ                                       | Ľ             | $\Gamma$                             | L                     | ] ′      |          | 63               |               |        | $\bigcirc$ |           |        |          |          | $\Box$ | 7        |          | 丁             | 113      | $\overline{}$ |               | +        | +           | +                | +        | +             |
| <u> </u>   | 14          |          | +  | 4             | 4   | <b>←</b> '                                   | 4                         | 1                     | +        | _                                       | Ľ             | L                                    | $\perp$               | ] '      |          | 64               |               |        |            |           |        |          |          |        |          |          |               | 114      | $\overline{}$ | -             | +        | +           | +                | +        | +             |
| <u></u>  | (5)         |          | +  | ħ             | #   | <u></u> '                                    | $\perp$                   | 1                     | 4        | ۲                                       | 'ب            | L                                    | L                     | ] '      |          | 65               | $\Box$        |        |            |           |        |          |          |        |          |          | J             | 115      |               |               | +        | +           | +                | +        | +             |
| <u> </u>   | 16          |          | +  | ħ             | #   | ₩  | 4                         | $\bot$                | 4        | 4                                       | <u>—</u> '    | 丄                                    | 1                     | ] /      |          | 66               | Ū             |        |            |           |        |          | J        | $\Box$ | J        |          | J             | 116      |               |               |          | +           | +                | +        | +             |
| <u></u>  | 17          |          | 4  | ħ             | #   | <u>,                                    </u> | 4                         | $\perp$               | +        | 4                                       | <u>`</u> '    | 1                                    | $\perp$               | ] /      |          | 67               |               |        |            |           |        |          |          | $\Box$ | 丁        |          | 丁             | 117      |               |               |          |             | +                | +        | +             |
| <u> </u>   | 18          |          | Ł  | ħ             | 4   | *  | 4                         | 十                     | +        | 4                                       | <u>`</u>      | L                                    | Ľ                     | 1 1      |          | 68               | $\Box$        |        |            |           |        |          |          |        | 7        |          | 丁             | 118      |               |               |          | +           | $\vdash$         | +        | 十             |
| <u> </u>   | 19          |          | ħ  | ħ             | 4   | ب  | 4                         | 1                     | 4        | 4                                       | ب             | L                                    | Ţ,                    | ] ,      |          | 69               | Ù             |        |            |           |        |          |          | $\Box$ | 7        |          | J             | 119      | $\neg$        |               |          | 1           | -                | +        | 十             |
| <u> </u>   | 20          |          | H  | H             | 4   | ب  | <del> </del>              | Ŧ                     | +        | 4                                       | ப             | $\perp$                              | _′                    | 1 1      | بــــآ   | 70               |               |        |            |           |        |          |          | I      | ]        |          |               | 120      | _             |               |          | +           | +                | +        | +             |
| _  | 8           |          | Ž) | 4             | 4   |  | ₩,                        | 1                     | 1        | 4                                       | ت             | $\Box$                               | $\Gamma$              | 1        |          | 71               | Ù             |        |            |           |        |          | $\Box$   | $\Box$ | 7        |          |               | 121      | $\neg$        |               | 1        | $\vdash$    | $\vdash$         | +        | +             |
| <u> </u>   | 22          |          | ب  | $\perp$       | 4   |  | <u> </u>                  | $\bot$                | 1        | 4                                       | ب             | 'ـــــــــــــــــــــــــــــــــــ | $\Box$                | 1        |          | 72               | Ù             |        |            |           |        |          | $\Box$   | T      | ٦        |          |               | 122      | _             | $\vdash$      | 1        | $\vdash$    | $\vdash$         | $\vdash$ | +             |
| $ldsymbol{\sqcup}$                               | 23          |          | _  | L             | 4   |  | Ϊ.                        | L                     | 1        | 1                                       | آ             | Ľ'                                   | $\Gamma$              | 11       | $\Box$   | 73               |               |        |            |           |        | 丁        | $\neg$   | T      | ٦        | $\vdash$ | $\neg$        | 123      | -             | $\vdash$      | 1        | -           | 1-               | +        | +             |
| $\vdash$   | 24          |          | ب  | L             | 4   | ب  | Ĺ.                        | $\perp$               | 1        | 4                                       | ت             | $\Box'$                              | $\Gamma$              | 1 1      |          | 74               |               |        |            |           | J      | $\Box$   | T        | T      | ٦        |          |               | 124      | <del>-</del>  |               | $\vdash$ | -           | $\vdash$         | +-       | +             |
| <u> </u>   | 25          |          | ب  | L             | 4   | ب  | 'ــــا                    | Ţ.                    | 1        | 1                                       | ت             | acksim u'                            | $\Box$                | 11       |          | 75               |               |        |            | J         | 丁      | T        | T        | T      | ٦        |          | T             | 125      | 7             |               | 1        | <del></del> | 1                | $\vdash$ | +             |
| <u> </u>   | 26          | +        | ب  | L             | 4   | ب  | -                         | Τ.                    | 1        | 4                                       | ت             | لِـا                                 |                       | 1)       | $\Box$   | 76               |               | $\Box$ |            |           | J      | $\Box$   | T        | T      | ٦        |          |               | 126      | 7             | _             | $\vdash$ | 1           | <del>  -  </del> | 1-       | +             |
| igsqcup  | 27          | +        | _  | 4             | +   | _  | -                         | 1                     | 1        | 4                                       | لِــَـ        | $\tilde{\Box}$                       | $\Box$                | 1 1      |          | 77               |               |        | $\Box$     |           |        | J        | I        | T      | ٦        |          | 丁             | 127      | 7             | (             | 1        | 1           | $\vdash$         | +        | +             |
| $\vdash$   | 28          |          | ب  | 4             | +   | _  | 4                         | ╀.                    | +        | 4                                       | ب             | ب                                    | ப                     | 1)       | آ        | 78               |               | $\Box$ | $\Box$     |           |        | $\Box$   | I        | I      | 7        |          |               | 128      | 7             | $\overline{}$ | 1        | -           | -                | $\vdash$ | +             |
| -  | 29<br>30    | +        | 4  | +             | +   | _  | $\boldsymbol{\omega}$     | 4_'                   | +        | 4                                       | ب             | ب                                    | $\Box$                | 1 1      |          | 79               | Ū.            | 1      | $\Box$     | $\Box$    |        | $\Box$   |          | I      | ]        |          |               | 129      | 7             |               |          |             |                  | $\vdash$ | +             |
| $\longrightarrow$                                |             | +        | 4  | 4             | +   | _  | $\boldsymbol{\downarrow}$ | 4−′                   | +        | +                                       |               | $\boldsymbol{\mu}$                   | $\sqcup$              | 11       |          | 80               | 4             | 4      | 4          | $\exists$ | J      |          | Ţ        | I      | 7        |          |               | 130      | 7             |               |          |             |                  | 1        | +             |
| $\longrightarrow$                                | 31          | +        | 4  | Ļ             | +   | _  |                           | 4_'                   | 1        | 4                                       | _             | ш                                    | ш                     | 1        | <u> </u> | 81               | آآ            | 1      | Ì          | Ī         | コ      | $\Box$   | $\Box$   | I      | ]        |          | $\Box$        | 131      | Ţ             |               |          |             | $\vdash$         | $\vdash$ | +             |
| <b></b> 1  | 32          |          | 4  | 4             | +   | 4  | $\boldsymbol{\omega}$     | ₽,                    | +        | +                                       | 4             | <b>⊢</b>                             | 4                     | 1 1      |          | 82               | 4             | 1      | $\exists$  | 1         | 1      | 1        | 1        | I      | ]        |          | Т             | 132      | J             |               |          |             |                  |          | +             |
|  | 33          | +        | 4  | -             | +   | -  | ب                         | ~                     | +        | +                                       | -1            | Щ                                    | $\boldsymbol{\mu}$    | 11       | -        | 83               | 4             | 1      | Ĩ          | 1         | Ī      | ]        | 1        | I      | ]        |          |               | 133      | J             |               |          |             | $\Box$           |          | t             |
| $\vdash$   | 35          | +        | +  | +             | +   | -  | ب                         | ₩                     | ╀        | +                                       | -             |                                      | ш                     | 1 }      |          | 84               | $\dashv$      | +      | 4          | 4         | 4      | 1        | 1        | 1      | ]        |          | $\Box$        | 134      | J             |               |          |             |                  |          | +             |
|  | 38          | +        | +  | +             | +   | +  | بـــر                     | $\vdash$              | +        | +                                       | $\rightarrow$ | $\rightarrow$                        | $\vdash$              | 1 }      |          | 85<br>90         | $\rightarrow$ | +      | +          | 4         | 4      | 4        | 4        | 1      | ]        |          | $\Box$        | 135      | J             |               |          |             |                  |          | t             |
| -  | 36          | ╀        | +  | -             | +   | $\rightarrow$                                | <del>ر</del>              | 1                     | ╀        | +                                       | -             | $\rightarrow$                        | Н                     | 1 }      |          | 86               | +             | +      | 4          | 4         | 4      | 4        | 4        | 1      | J        |          |               | 136      | J             |               |          |             |                  |          |               |
| -  | 38          | +        | +  | $\vdash$      | +   | +  | ,                         | $\vdash$              | +        | +                                       | +             | -                                    |                       | ( }      |          | 87               | 4             | +      | +          | 4         | 4      | 4        | 4        | 1      | ]        | L        |               | 137      |               |               |          |             |                  |          | T             |
| -  | 39          | +        | +  | _             | +   | +  | 4                         | ب                     | ╀        | +                                       | -             | $\rightarrow$                        | $\boldsymbol{\vdash}$ | 1        |          | 88               | 4             | +      | +          | +         | 4      | 4        | 4        | 1      | ]        |          |               | 138      | J             |               |          |             |                  |          | L             |
| <del>                                     </del> | 40          | ╀        | +  | —             | +   | +  | ~                         | 1                     | +        | +                                       | +             | $\rightarrow$                        | $\vdash$              | ( }      |          | 89               | 4             | +      | +          | +         | 4      | 4        | 4        | 4      | Ţ        |          |               | 139      | J             | $\bigcup$     | $\Box$   |             |                  |          |               |
|  | 40          | ╀        | +  | -             | +   | +  | H                         | $\boldsymbol{\vdash}$ | ╀        | +                                       | -             | $\rightarrow$                        | $\boldsymbol{\vdash}$ | ( F      |          | 90               | -             | +      | 4          | +         | 4      | 4        | 1        | 1      | ]        |          |               | 140      | J             |               |          |             |                  |          | T             |
| $\longrightarrow$                                | 42          | ╀        | +  | _             | +   | +  | _                         | $\boldsymbol{\mu}$    | ╀        | +                                       | +             | $\rightarrow$                        | H                     | 1 }      |          | 91               | +             | +      | +          | +         | 4      | 4        | 1        | 1      | J        |          |               | 141      |               | J             |          |             |                  |          |               |
|  | 43          | ╀        | +  | —             | +   | +  | _                         | $\boldsymbol{arphi}$  | ⊬        | +                                       | +             | -+                                   | Н                     | 1        |          | 92               | +             | +      | 4          | 4         | 4      | 4        | 1        | 1      | ]        | L        |               | 142      | J             | J             |          |             |                  |          |               |
|  | 44          | +        | +  | _             | +   | +  | .—+                       | $\boldsymbol{\vdash}$ | ⊬        | +                                       | +             | -                                    | Н                     | 1        |          | 93               | +             | +      | 4          | 4         | 4      | 4        | 1        | 1      | ]        | L        |               | 143      | J             |               |          |             |                  |          | Г             |
| -+   | 45          | +        | +  | _             | +   | +  | -                         |                       | +        | +                                       | +             | -                                    | -                     | 1        |          | 94               | +             | +      | 4          | 4         | 4      | 4        | 1        | 1      | ]        |          |               | 144      | 1             |               |          |             |                  |          |               |
|  | 45          | +        | +  | بے            | +   | +  | -                         | <del>  </del>         | ⊬        | +                                       | +             | <del></del>                          | $\dashv$              | <i>i</i> |          | 95               | +             | +      | +          | 4         | 4      | 4        | 1        | 1      | ]        |          |               | 145      | ]             |               |          |             |                  |          |               |
| -  | 45          | +        | +  | ب             | +   | +  | -                         | $\mapsto$             | $\vdash$ | +                                       | ╌┼            | $\rightarrow$                        | $\dashv$              | 4 F      |          | 98               | +             | +      | +          | +         | +      | 4        | 1        | 1      | ]        |          |               | 146      | 1             |               |          |             |                  |          |               |
| -  | 48          | +        | +  | ~             | +   | +  | -                         | 7                     | +        | +                                       | +             | +                                    | 4                     | / F      |          | 97               | +             | +      | +          | +         | 4      | 4        | 1        | 1      | ]        | L        |               | 147      | ļ             | J             | J        | J           | J                | J        | $\Gamma$      |
|  | 49          | $\vdash$ | +  | ىنى           | +   | +  | +                         | $\rightarrow$         | $\vdash$ | +                                       | +             | +                                    | $\boldsymbol{\dashv}$ | · F      |          | 98               | +             | +      | +          | +         | +      | +        | 1        | 1      | ]        |          |               | 148      | 1             | $\Box$        | I        |             | J                |          |               |
|  | 50          | $\vdash$ | +  | سر            | +   | +  | +                         | 4                     | $\vdash$ | +                                       | +             | +                                    | 4                     | . }      |          | 99               | +             | +      | +          | 4         | 4      | 1        | 1        | l      | ]        |          |               | 149      | I             |               | J        | J           | J                | J        |               |
|  | <u>. 30</u> | _        |    | ٠             | L   |  |                           |                       |          | _1.                                     | _1            | - 1                                  | . 1                   |          | 17       | 100              | - 1           | ı      | 1          | - [       | i I    |          | 1        | T      | 1        | Γ        | ገ             | 150      | 7             |               | $\Box$   | $\neg$      | T                | $\neg$   | $\overline{}$ |